Amendments to the Claims

Please amend claims 1, 7 and 13. The currently pending claims after amendment are listed below.

1   1.   (Currently Amended)   A method for developing source code for a computer program,
2   comprising the steps of:
3   generating a plurality of source code statements in a source code file, said source code file
4   being compilable into object code of said computer program;
5   automatically maintaining a record of status of each respective source code statement, said
6   record of status including, with respect to each of one or more said source code statements,
7   whether the respective source code statement has been generated as a copy of a source code
8   statement other than the respective source code statement;
9   editing a first source code statement of said plurality of source code statements to produce
10 an edited first source code statement;
11   automatically determining whether one or more copies of said first source code statement
12 exist within said source code file ~~from~~ based on said status of each respective source code
13 statement, each of said first source code statement and copy of said first source code statement
14 occupying a different respective location within said source code file and being compilable
15 together into said object code of said computer program; and
16   responsive to said automatically determining step, automatically propagating changes made
17 by said editing step to said one or more copies of said first source code statement.

2.   (Cancelled)

1   3.   (Previously Presented)   The method for developing source code for a computer program of

2   claim 1, wherein said automatically propagating step comprises:

3   automatically displaying said changes made by said editing step to at least one said copy of

4   said first source code statement; and

5   soliciting user confirmation of said changes.

1   4.   (Previously Presented)   The method for developing source code for a computer program of

2   claim 1, wherein said status of each respective source code statement comprises data indicating

3   whether the respective source code statement has been verified.

1   5.   (Previously Presented)   The method for developing source code for a computer program of

2   claim 4, wherein said data indicating whether a respective source code statement has been verified

3   indicates whether the respective statement has been verified as part of a compilation process for

4   compiling source code into object code executable by a computer system.

1   6.   (Previously Presented)   The method for developing source code for a computer program of

2   claim 1, further comprising the steps of:

3   receiving a user command to copy a second of said plurality of source code statements to a

4   different location within said source code file;

5   responsive to receiving said user command, automatically determining whether said second

6   source code statement has been previously verified from said status of each respective source

7   code statement; and

8   if said second source code statement has not been previously verified, automatically

9   warning a user that said second source code statement is unverified.

1   7.   (Currently Amended)   A method for developing source code for a computer program,

2   comprising the steps of:

3   generating a plurality of source code statements in a source code file, said source code file

4   being compilable into object code of said computer program;

5   automatically maintaining a record of status of each respective source code statement

6   said record of status including, with respect to each of one or more said source code statements,

7   whether the respective source code statement has previously been verified by an automated

8   verification process as conforming to a pre-defined set of source code requirements;

9   receiving a user command to copy a first of said plurality of source code statements to a

10   different location within said source code file to create a second source statement at said different

11   location, said second source code statement being identical to said first source code statement,

12   each of said first source code statement and said second source code statement being compilable

13   together into said object code of said computer program;

14   responsive to receiving said user command, automatically determining whether said first

15   source code statement has been previously verified ~~from~~ based on said status of each respective

16   source code statement; and

17   if said first source code statement has not been previously verified, automatically

18   performing at least one action in response to determining that said first source code statement is

19   unverified.

1   8.   (Previously Presented)   The method for developing source code for a computer program of

2   claim 7, wherein said step of automatically performing at least one action in response to

3   determining that said first source code statement is unverified comprises issuing a warning

4   message to a user.

     9.   (Cancelled)

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1   10.   (Previously Presented)   The method for developing source code for a computer program of
2   claim 7, wherein said step of automatically determining whether said first source code statement
3   has been previously verified comprises automatically determining whether said first source code
4   statement has successfully completed some portion of a compilation process for compiling source
5   code into object code executable by a computer system.

1   11.   (Previously Presented)   The method for developing source code for a computer program of
2   claim 7, wherein said status of each respective source code statement comprises data indicating
3   whether the respective statement was copied from another source code statement.

1   12.   (Previously Presented)   The method for developing source code for a computer program of
2   claim 11, wherein said step of automatically determining whether said first source code statement
3   has been verified comprises automatically determining whether said first source code statement
4   was copied from another statement which has been previously verified.

1   13.   (Currently Amended)   A computer program product for developing source code for a

2   computer program, comprising:

3   a plurality of executable instructions recorded on tangible signal-bearing media, wherein

4   said instructions, when executed by at least one processor of a digital computing device, cause the

5   device to perform the steps of:

6   generating a plurality of source code statements in a source code file responsive to user

7   input, said source code file being compilable into object code of said computer program;

8   automatically maintaining a record of status of each respective source code statement, said

9   record of status including, with respect to each of one or more said source code statements,

10   whether the respective source code statement has been generated as a copy of a source code

11   statement other than the respective source code statement;

12   receiving a user input editing a first source code statement of said plurality of source code

13   statements to produce an edited first source code statement;

14   automatically determining whether one or more copies of said first source code statement

15   exist within said source code file ~~from~~ based on said status of each respective source code

16   statement, each of said first source code statement and copy of said first source code statement

17   occupying a different respective location within said source code file and being compilable

18   together into said object code of said computer program; and

19   responsive to said automatically determining step, automatically propagating changes made

20   by said editing step to said one or more copies of said first source code statement.

        14.   (Cancelled)

1   15.   (Previously Presented)   The computer program product for developing source code for a
2   computer program of claim 13, wherein said automatically propagating step comprises:
3   automatically displaying said changes made by said editing step to at least one said copy of
4   said first source code statement; and
5   soliciting user confirmation of said changes.

1   16.   (Previously Presented)   The computer program product for developing source code for a
2   computer program of claim 13, wherein said status of each respective source code statement
3   comprises data indicating whether the respective source code statement has been verified.

1   17.   (Previously Presented)   The computer program product for developing source code for a
2   computer program of claim 16, wherein said data indicating whether a respective source code
3   statement has been verified indicates whether the respective statement has been verified as part of
4   a compilation process for compiling source code into object code executable by a computer
5   system.

1   18.   (Previously Presented)   The computer program product for developing source code for a
2   computer program of claim 13, wherein said instruction further cause the device to perform the
3   steps of:
4   receiving a user command to copy a second of said plurality of source code statements to a
5   different location within said source code file;
6   responsive to receiving said user command, automatically determining whether said second
7   source code statement has been previously verified from said status of each respective source
8   code statement; and
9   if said second source code statement has not been previously verified, automatically
10   warning a user that said second source code statement is unverified.

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